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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 – 20. (Cancelled)

21. (Previously presented) A dermal tissue nanografting system comprising:

a dermal tissue particle harvester assembly including:

a housing with a port;

a rotatable shaft;

a dermal tissue cutting tool mounted on the rotatable

shaft, wherein the dermal tissue cutting tool is

received within an opening in the housing; and

an electric motor coupled to the rotatable shaft, wherein

the dermal tissue cutting tool is configured to

rotate within the opening when the electric motor

is operated;

a dermal tissue particle collector;

a nanograft cell; and

a particle retriever, wherein the particle retriever is configured

to be received by the port and to inject dermal tissue

into the nanograft cell.

22. (Previously presented) The dermal tissue nanografting system of claim 21 wherein the housing comprises a dermal tissue opening configured to serve as an orifice for pressing against and receiving a dermal tissue layer of a tissue source.